

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	M98806	Client:	Alaskan Copper Works
Date Received:	05/18/06	Project:	Metro Self Monitor, PO# M98806
Date Extracted:	05/18/06	Lab ID:	605208-01 10x
Date Analyzed:	05/18/06	Data File:	605208-01 10x.033
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower	Upper
Germanium	68	Limit:	Limit:
		60	125

Analyte:	Concentration ug/L (ppb)
Chromium	499
Nickel	655
Copper	649
Zinc	40.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Alaskan Copper Works
Date Received:	Not Applicable	Project:	Metro Self Monitor, PO# M98806
Date Extracted:	05/18/06	Lab ID:	I6-251 mb
Date Analyzed:	05/18/06	Data File:	I6-251 mb.008
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower	Upper
Germanium	84	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Chromium	<10
Nickel	<10
Copper	<10
Zinc	<10

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: 05/24/06

Date Received: 05/18/06

Project: Metro Self Monitor, PO# M98806, F&BI 605208

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR METALS BY EPA METHOD 200.8**

Laboratory Code: 605130-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	1.02	<1	nm	0-20
Nickel	ug/L (ppb)	5.70	5.13	11	0-20
Copper	ug/L (ppb)	2.35	2.33	1	0-20
Zinc	ug/L (ppb)	3.66	3.94	7	0-20

Laboratory Code: 605130-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	1.02	112	50-150
Nickel	ug/L (ppb)	20	5.70	111 b	50-150
Copper	ug/L (ppb)	20	2.35	107	50-150
Zinc	ug/L (ppb)	50	3.66	109	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	103	70-130
Nickel	ug/L (ppb)	20	105	70-130
Copper	ug/L (ppb)	20	106	70-130
Zinc	ug/L (ppb)	50	104	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

605208

SAMPLE CHAIN OF CUSTODY

ME 05/18/06

AI4

Send Report To

GERARD THOMPSON

Company

ALASKAN CORP. LEAKS

Address

678 S. HANSON ST

City, State, ZIP

SEATTLE WA 98134

Phone #

206 582 8311

Fax #

206 582 4509

SAMPLERS (signature)

PROJECT NAME/NO.

11118806 SCL 5 HANSON ST

PO #

11118806

REMARKS

Page # _____ of _____

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS					
1118806	01	5/18/06	12:30	HCO	1											

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE

Relinquished by:

Received by:

Relinquished by:

Received by:

PRINT NAME

GERARD THOMPSON

Phan Phan

COMPANY

ALASKAN CORP

FBI

DATE

5/18/06

5/18/06

TIME

1:45pm

1:45pm

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

May 24, 2006

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on May 18, 2006 from the Metro Self Monitor, PO# M98806, F&BI 605208 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
ACU0524R